

IN THE CLAIMS:

Each of claims 1, 2, 3, 6, and 7 has been amended herein and new claim 21 has been added. Additionally, previously withdrawn claims 4, 5, and 8 through 20 have been cancelled herein without prejudice or disclaimer. Please note that all claims currently pending and under consideration in the referenced application are shown below. This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of insulating a ~~case of a rocket motor~~ case loaded with a solid propellant, ~~said the~~ method comprising:
preparing insulation from a composition comprising a ~~crosslinkable~~ cross-linkable liquid polymer and carbon fibers, the composition including the ~~crosslinkable~~ cross-linkable liquid polymer in a sufficient concentration to permit the carbon fibers to be dispersed into the composition by mixing under substantially solvent-free conditions; ~~and~~
curing the composition to form the insulation ~~and~~;
shaping the insulation into at least one sheet; and
insulating the ~~case of the rocket motor~~ case with the at least one sheet of insulation.

2. (Currently Amended) A method of insulating a ~~case of a rocket motor~~ case loaded with a solid propellant, said method comprising:
preparing insulation from a composition comprising a ~~crosslinkable~~ cross-linkable EPDM terpolymer and carbon fibers, the ~~crosslinkable~~ cross-linkable EPDM terpolymer comprising a ~~crosslinkable~~ cross-linkable liquid EPDM terpolymer in a sufficient concentration to permit the carbon fibers to be dispersed into the composition by mixing under substantially solvent-free conditions; ~~and~~
curing the composition to form the ~~insulation~~ insulation; and
insulating the ~~case of the rocket motor~~ case with the insulation.

3. (Currently Amended) The method of claim 2, wherein ~~said~~ insulating the rocket motor case comprises applying the insulation to an interior surface of the rocket motor case and interposing the insulation between the interior surface and the solid propellant.

4. (Canceled)

5. (Canceled)

6. (Currently Amended) The method of claim 3, wherein at least about 90 weight percent of the ~~crosslinkable~~ cross-linkable EPDM terpolymer in the composition consists of the ~~crosslinkable~~ cross-linkable liquid EPDM terpolymer.

7. (Currently Amended) The method of claim 3, wherein ~~said~~ preparing of the insulation comprises mixing the composition in a vertical-blade mixer or sigma-blade mixer.

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Canceled)
15. (Canceled)
16. (Canceled)
17. (Canceled)
18. (Canceled)
19. (Canceled)
20. (Canceled)
21. (New) The method of claim 2, further comprising shaping the insulation into at least one sheet prior to insulating the rocket motor case.